

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	55019	keyframe key-frame (key adj1 frame) thumbnail (thumb adj1 nail) (represent\$5 adj1 (picture image frame))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 10:27
L2	1980	1 with (story clip shot cut segment)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 10:28
L3	4282	(1 icon) with (node tree directory graph (table adj1 content))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 10:57
L4	174	2 and 3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 10:30
L5	32255	(story clip shot cut segment) with (node tree directory graph (table adj1 content))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 10:58
L6	264	2 and 5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 10:58
L7	155	6 not 4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 10:58



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(12) **United States Patent**
Acker

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(54) **AUTOMATED EMPHASIZING OF AN
OBJECT IN A DIGITAL PHOTOGRAPH**

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(*) **Notice:** This patent issued on a continued prosecution application filed under 37 CFR 1.53(d), and is subject to the twenty year patent term provisions of 35 U.S.C. 154(a)(2).

Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

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(52) **U.S. Cl.** **345/619; 345/621; 345/841**

(58) **Field of Search** **345/433, 430,
345/431, 113, 429, 441, 619, 621, 667,
473, 841, 845, 638; 348/584; 382/129,
294**

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(57) **ABSTRACT**

A method of image data manipulation guides a beginning computer user through the process of applying an emphasizing effect to an object in an image, so that the beginning user who was previously unaware of the existence of such an effect, or of the mechanics of creating such an effect, may nonetheless emphasize an object in an image.

17 Claims, 15 Drawing Sheets

